

Compiler sec 6

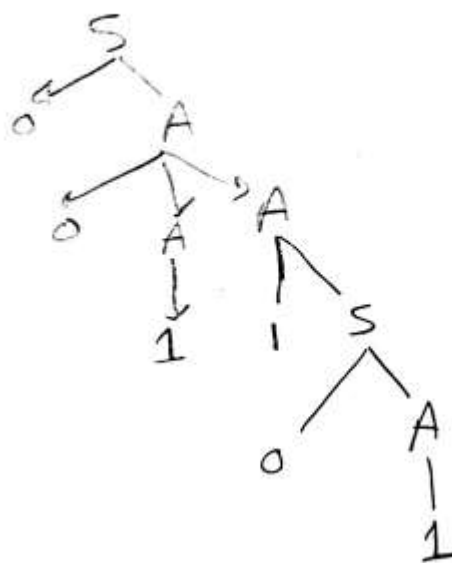
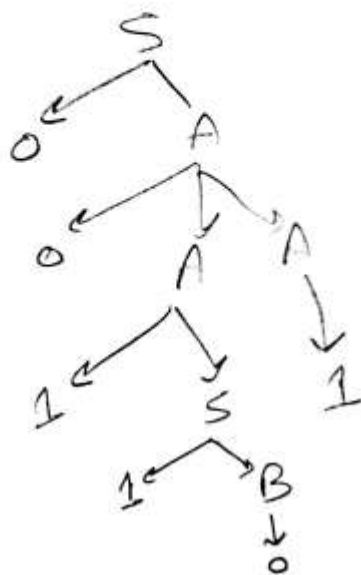
sheet 5

[3]

$$S \rightarrow \epsilon A$$

$$A \rightarrow \epsilon AA \mid 1S \mid 1$$

$$B \rightarrow 1BB \mid 0S \mid 0$$



[4] $S \rightarrow Ab \mid aab$

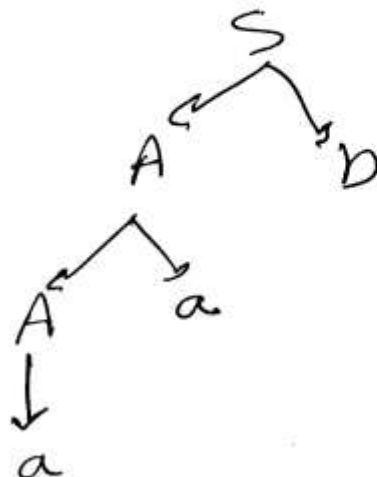
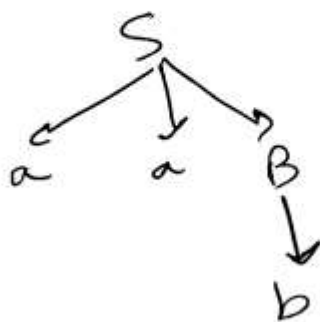
$$A \rightarrow a \mid Aa$$

$$B \rightarrow b$$

a) $S \Rightarrow aab \Rightarrow aab$

$S \rightarrow Ab \Rightarrow Aab \Rightarrow aab$

b)



c)

$$S \rightarrow Ab$$

$$A \rightarrow a | Aa$$

d)

$$S \Rightarrow Ab \Rightarrow Aab \Rightarrow aab$$